



Docket No.: 9211US0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
Yukihiko SHIRAKAWA :
SERIAL NO: 09/866,732 :
FILED: May 30, 2001 :
FOR: THIN-FILM EL DEVICE, AND ITS FABRICATION PROCESS

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Prior to examination on the merits please amend the above-identified application as follows.

IN THE SPECIFICATION

Please amend the specification as follows:

Page 10, line 18 and 25, please replace the paragraph with the following paragraph:

The lower electrode layer should preferably be formed of a material which ensures high electrical conductivity, receives no damage during dielectric layer formation, and has a low reactivity with respect to the dielectric layer or light-emitting layer. Desired for such a lower electrode layer material are noble metals such as Au, Pt, Pd, Ir and Ag, noble metal alloys such as Au-Pd, Au-Pt, Ag-Pd, and Ag-Pt, and electrode materials composed mainly of noble metals such as Ag-Pd-Cu with base metal elements added thereto, because oxidation resistance with respect to an oxidizing atmosphere used for the firing of the dielectric layer material can be easily obtained. Use may also be made of oxide conductive materials such as

ITO, SnO₂ (Nesa film) and ZnO-Al or, alternatively, base metals such as Ni and Cu provided that the firing of the dielectric layer must be carried out at a partial pressure of oxygen at which these base metals are not oxidized. The lower electrode layer may be formed by known techniques such as sputtering, evaporation, and plating processes.

REMARKS

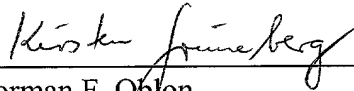
The specification has been amended as supported at page 10, line 22 of the specification as originally filed.

No new matter has been added. Entry and favorable reconsideration are respectfully requested.

Applicants submit that the application is now in condition for examination on the merits. Early notice of such action is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Norman F. Oblon
Attorney of Record
Registration No. 24,618

Kirsten A. Grueneberg, Ph.D.
Registration No.: 47,297



22850

(703) 413-3000
Fax No.: (703) 413-2220
I:\user\KGRUN\209211US0.AMEND.wpd

IN THE SPECIFICATION

Please amend the specification as follows:

Page 10, line 18 and 25, please replace the paragraph with the following paragraph:

--The lower electrode layer should preferably be formed of a material which ensures high electrical conductivity, receives no damage during dielectric layer formation, and has a low reactivity with respect to the dielectric layer or light-emitting layer. Desired for such a lower electrode layer material are noble metals such as Au, Pt, Pd, Ir and Ag, noble metal alloys such as Au-Pd, Au-Pt, Ag-Pd, and Ag-Pt, and electrode materials composed mainly of noble metals such as Ag-Pd-Cu with nonmetal [base metal] elements added thereto, because oxidation resistance with respect to an oxidizing atmosphere used for the firing of the dielectric layer material can be easily obtained. Use may also be made of oxide conductive materials such as ITO, SnO₂ (Nesa film) and ZnO-Al or, alternatively, base metals such as Ni and Cu provided that the firing of the dielectric layer must be carried out at a partial pressure of oxygen at which these nonmetals [base metals] are not oxidized. The lower electrode layer may be formed by known techniques such as sputtering, evaporation, and plating processes.--

DOCKET NO: 209211US0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :

Yukihiko SHIRAKAWA :

SERIAL NO: 09/866,732 :

FILED: May 30, 2001 :
:

FOR: THIN-FILM EL DEVICE, AND ITS FABRICATION PROCESS

LETTER TO OFFICIAL DRAFTSMAN

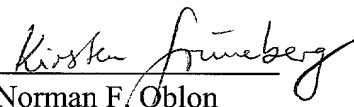
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

It is requested that the enclosed EIGHT (8) sheets of Formal Drawings for FIGS. 1, 2, 3, 4A, 4B, 5, 6, 7, & 8 be entered to replace the Informal Drawings originally filed with the application.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Norman F. Oblon
Registration No. 24,618
Attorney of Record



22850

Tele #: (703) 413-3000

Fax # : (703) 413-2220

Kirsten A. Grueneberg, Ph.D.
Registration No. 47,297